Results (page 3): +watermark??? <paragraph> +document ... Page 1 of 6 Subscribe (Full Service) Register (Limited Service, Free) Login Search: The ACM Digital Library C The Guide SEARCH +watermark??? <paragraph> +document <paragraph> +info **US Patent & Trademark Office** Feedback Report a problem Satisfaction survey Terms used Found 173 of 153.034 watermark??? paragraph document paragraph information Try an Advanced Search Save results to a Binder Sort results ∇ relevance Try this search in The ACM Guide by Search Tips Display expanded form Open results in a new results window Results 41 - 60 of 173 Result page: previous 1 2 3 4 5 6 7 8 9 Relevance scale 41 An abstract interpretation-based framework for software watermarking Patrick Cousot, Radhia Cousot January 2004 ACM SIGPLAN Notices, Proceedings of the 31st ACM SIGPLAN-SIGACT symposium on Principles of programming languages, Volume 39 Issue 1 Additional Information: full citation, abstract, references, citings, index Full text available: pdf(171.12 KB) terms Software watermarking consists in the intentional embedding of indelible stegosignatures or watermarks into the subject software and extraction of the stegosignatures embedded in the stegoprograms for purposes such as intellectual property protection. We introduce the novel concept of abstract software watermarking. The basic idea is that the watermark is hidden in the program code in such a way that it can only be extracted by an abstract interpretation of the (maybe non-standard) concre ... Keywords: abstract interpretation, authentication, copyrights protection, fingerprinting, identification, intellectual property protection, obfuscation, software authorship, software watermarking, static analysis, steganography, stegoanalyst, stegoattacks, stegokey, stegomark, stegosignature, tamper-proofing, trustworthiness, validation watermarking 42 VLSI design: Zero overhead watermarking technique for FPGA designs Adarsh K. Jain, Lin Yuan, Pushkin R. Pari, Gang Qu April 2003 Proceedings of the 13th ACM Great Lakes symposium on VLSI Full text available: 🔁 pdf(327.86 KB) Additional Information: full citation, abstract, references, index terms FPGAs, because of their re-programmability, are becoming very popular for creating and exchanging VLSI intellectual properties (IPs) in the reuse-based design paradigm. Existing watermarking and fingerprinting techniques successfully embed identification information into FPGA designs to deter IP infringement. However, such methods incur timing and/or resource overhead, unpredictable at times, which causes performance degradation. In this paper, we propose a new FPGA watermarking technique that g ... Keywords: FPGA, IP protection, configuration bitstream, performance, place and route, timing analyzer, user constraint file, zero overhead 43 Robust digital watermarking: An audio watermarking scheme robust against stereo attacks David Megías, J. Herrera-Joancomartí, Julià Minguillón

September 2004 Proceedings of the 2004 multimedia and security workshop on

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Multimedia and s	ecurity
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Full text available: pdf(191.73 KB) Additional Information: full citation, abstract, references, index terms

In this paper, a watermarking scheme for both monophonic and stereophonic audio files is presented. The suggested method uses MPEG 1 Layer 3 compression to determine where and how the embedded mark must be introduced, combined with an error correcting code and a majority voting scheme. The scheme is shown to achieve high robustness against malicious attacks while maintaining a reasonable imperceptibility. The mark is embedded by modifying the magnitude of the spectrum at certain frequencies whic ...

Keywords: audio watermarking, copyright protection, frequency domain methods

44 Digital access to antiquities

Henry M. Gladney, Fred Mintzer, Fabio Schiattarella, Julián Bescós, Martin Treu April 1998 Communications of the ACM, Volume 41 Issue 4

Additional Information: full citation, references, citings, index terms Full text available: pdf(1.01 MB)

45 Digital rights management for content distribution

Qiong Liu, Reihaneh Safavi-Naini, Nicholas Paul Sheppard

January 2003 Proceedings of the Australasian information security workshop conference on ACSW frontiers 2003 - Volume 21

Additional Information: full citation, abstract, references, citings, index Full text available: pdf(224.63 KB)

Transferring the traditional business model for selling digital goods linked to physical media to the online world leads to the need for a system to protect digital intellectual property. Digital Rights Management(DRM) is a system to protect high-value digital assets and control the distribution and usage of those digital assets. This paper presents a review of the current state of DRM, focusing on security technologies, underlying legal implications and main obstacles to DRM deployment with the ...

Keywords: DRM, digital content

46 Robust digital watermarking: The digital watermarking container: secure and efficient embeddina

Martin Steinebach, Sascha Zmudzinski, Fan Chen

September 2004 Proceedings of the 2004 multimedia and security workshop on Multimedia and security

Full text available: Topdf(357.96 KB) Additional Information: full citation, abstract, references, index terms

While acceptance of digital watermarking as a technology to protect digital media is constantly increasing, integrated applications are still comparatively rare. Two reasons are the challenge of secure key handling due to the symmetric nature of digital watermarking and the often high demand regarding computational power to embed a watermarking into a media file. We introduce a possible solution to this problem, the digital watermarking container. It splits the watermarking process in a preproce ...

Keywords: complexity, container, optimization, security, watermarking

47 Attack and evaluation: Quantization-based watermarking performance improvement using host statistics: AWGN attack case

Oleksiy Koval, Sviatoslav Voloshynovskiy, Fernando Pérez-González, Frederic Deguillaime, Thierry Pun

September 2004 Proceedings of the 2004 multimedia and security workshop on **Multimedia and security**

	Full text available: pdf(179.20 KB) Additional Information: full citation, abstract, references, index terms	
	In this paper we consider the problem of performance improvement of known-host-state (quantization-based) watermarking methods undergo Additive White Gaussian noise (AWGN) attack. The motivation of our research is twofold. The first reason concerns the common belief that any knowledge about the host image taken into account designing quantization-based watermarking algorithms can not improve their performance. The second reason refers to the poor practical performance of this class of methods at	
	Keywords: data hiding, known-host-state watermarking	
48	A digital watermarking system for multimedia copyright protection Jian Zhao, Eckhard Koch February 1997 Proceedings of the fourth ACM international conference on Multimedia	
	Full text available: pdf(184.20 KB) Additional Information: full citation, citings, index terms	
	Keywords: copyright protection, digital watermarking, security	
49	Associating network flows with user and application information Ralf Ackermann, Utz Roedig, Michael Zink, Carsten Griwodz, Ralf Steinmetz November 2000 Proceedings of the 2000 ACM workshops on Multimedia	
	Full text available: pdf(383.37 KB) Additional Information: full citation, abstract, references, index terms	
	The concept of authenticating users e.g. by means of a login process is very well established and there is no doubt that it is absolutely necessary and helpful in a multiuser environment. Unfortunately specific information about a user originating a data stream or receiving it, is often no longer available at the traversed network nodes. This applies to the even more specific question of what application is used as well. Routers, gateways or firewalls usually have to base their classification	
	Keywords : firewalls, network traffic marking, security, watermarking	
50	Digital document integrity Graham Shaw	
	November 2000 Proceedings of the 2000 ACM workshops on Multimedia	
	Full text available: pdf(195.41 KB) Additional Information: full citation, abstract, index terms	
	The revolution in digital data processing has brought many benefits to the way we create, organise and manage information, whether in the form of images, documents, audio or video files. The conversion of such information into digital form provides us with capabilities such as online storage and retrieval, efficient search processes and worldwide data transmission. But digital data also brings with it a major problem, namely the ease with which such information can be copied and tampered with	
51	Digital signets: self-enforcing protection of digital information (preliminary version) Cynthia Dwork, Jeffrey Lotspiech, Moni Naor July 1996 Proceedings of the twenty-eighth annual ACM symposium on Theory of	
	computing	
	Full text available: pdf(1.24 MB) Additional Information: full citation, references, citings, index terms	
52	Broadcast and on-line cultural heritage: Copyright protection and management and a	
	web based library for digital images of the Hellenic cultural heritage	

http://portal.acm.org/results.cfm?query=%2Bwatermark%3F%3F... 4/25/05

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Dimitris K. Tsolis, George K. Tsolis, Emmanouil G. Karatzas, Theodore S. Papatheodorou November 2001 **Proceedings of the 2001 conference on Virtual reality, archeology, and cultural heritage**

Full text available: pdf(358.69 KB) Additional Information: full citation, abstract, references, index terms

The main issue addressed in this paper is the design and implementation of an Advanced Digital Image Repository, which offers specialized services and a Dedicated User Interface for the protection and management of the Intellectual Property Rights of digitized material. In addition, another main research area of this contribution is the implementation of a Web Based Library, supported by advanced technologies, for the proper presentation of the digital cultural content. The work described in thi ...

Keywords: copyright protection, databases, digital web archives, information systems, java applets, watermarking

53 Watermarking relational data: framework, algorithms and analysis

Rakesh Agrawal, Peter J. Haas, Jerry Kiernan

August 2003 The VLDB Journal — The International Journal on Very Large Data Bases, Volume 12 Issue 2

Full text available: pdf(223.17 KB) Additional Information: full citation, abstract, index terms

Abstract.We enunciate the need for watermarking database relations to deter data piracy, identify the characteristics of relational data that pose unique challenges for watermarking, and delineate desirable properties of a watermarking system for relational data. We then present an effective watermarking technique geared for relational data. This technique ensures that some bit positions of some of the attributes of some of the tuples contain specific values. The specific bit locations and value ...

Keywords: Database, Information hiding, Steganography, Watermarking

54 Securing information: Capacity is the wrong paradigm

Ira S. Moskowitz, LiWu Chang, Richard E. Newman

September 2002 Proceedings of the 2002 workshop on New security paradigms

Full text available: pdf(2.04 MB)

Additional Information: full citation, abstract, references, index terms

At present, "capacity" is the prevailing paradigm for covert channels. With respect to steganography, however, capacity is at best insufficient, and at worst, is incorrect. In this paper, we propose a new paradigm called "capability" which gauges the effectiveness of a steganographic method. It includes payload carrying ability, detectability, and robustness components. We also discuss the use of zero-error capacity for channel analysis and demonstrate that a JPEG compressed image always has the ...

55 DRM experience: Protecting digital archives at the Greek Orthodox Archdiocese of

America

Theo Nicolakis, Carlos E. Pizano, Bianca Prumo, Mitchell Webb October 2003 Proceedings of the 2003 ACM workshop on Digital rights management

Full text available: pdf(1.25 MB)

Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index</u> <u>terms</u>

The Greek Orthodox Archdiocese of America~(GOA) has amassed a rich and varied collection of artifacts associated with two thousand years of religious and historical tradition, as well as more than a century of chronicles in America. The items in this archive include iconography, art, photographs, letters, and other memorabilia. The GOA has endeavored to digitize these assets in order to preserve them, while at the same time make them more accessible for appropriate and beneficial uses. Specifica ...

Keywords: content protection, digital asset management, digital image archive, digital rights management

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56 <u>H204M — watermark</u> improvements	king for media: clas	sification, quality	vevaluation, desig	<u>n</u>	
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57 Papers: Off the wall:		sking and backg	round awareness	using	
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Full text available: 🔁 pdf(1.	.25 MB) Additional II	nformation: <u>full citation</u> <u>terms</u>	, <u>abstract, references, ci</u>	tings, index	
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Keywords : Context ubiquitous computin	t-aware computing, (ng	Rooms, ambient d	isplays, office comp	ıting,	
58 <u>Demonstrations: SAF</u> Ching-Yung Lin, Shih-F October 2001 Proceedi	u Chang				
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Keywords : authent watermarking	tication, information	hiding, multimedia	a security, recovery,		
59 Image Retrieval from M. L. Kherfi, D. Ziou, A March 2004 ACM Comp Full text available: pdf(28)	. Bernardi outing Surveys (CS	UR), Volume 36 Issu			

With the explosive growth of the World Wide Web, the public is gaining access to massive amounts of information. However, locating needed and relevant information remains a difficult task, whether the information is textual or visual. Text search engines have existed for some years now and have achieved a certain degree of success. However, despite the large number of images available on the Web, image search engines are still rare. In this article, we show that in order to allow people to profi ...

Keywords: Image-retrieval, World Wide Web, crawling, feature extraction and selection, indexing, relevance feedback, search, similarity

60 <u>Session 3: discussion: Ontology in information security: a useful theoretical foundation and methodological tool</u>

Victor Raskin, Christian F. Hempelmann, Katrina E. Triezenberg, Sergei Nirenburg September 2001 **Proceedings of the 2001 workshop on New security paradigms**

Full text available: 🔁 pdf(507.99 KB) Additional Information: full citation, abstract, references, index terms

The paper introduces and advocates an ontological semantic approach to information security. Both the approach and its resources, the ontology and lexicons, are borrowed from the field of natural language processing and adjusted to the needs of the new domain. The approach pursues the ultimate dual goals of inclusion of natural language data sources as an integral part of the overall data sources in information security applications, and formal specification of the information security community ...

Keywords: documentation, human factors, languages, security, standardization, theory

Results 41 - 60 of 173 Result page: <u>previous 1 2 3 4 5 6 7 8 9 next</u>

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Relevance scale

21 YAATCE—yet another approach to teaching computer ethics

window

Nancy J. Wahl

March 1999 ACM SIGCSE Bulletin, The proceedings of the thirtieth SIGCSE technical symposium on Computer science education, Volume 31 Issue 1

Full text available: pdf(601.22 KB)

Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index</u> terms

Two events have encouraged computer science departments to incorporate ethical issues and professional responsibilities into their curriculum. The first was the formation of the Computer Sciences Accreditation Board (CSAB) and the second was the publication of Computing Curricula 1991. In the CSAB criteria for accrediting programs in computer science [2], is the requirement that social and ethical implications of computing be included in computer science programs. The Computing Curricula 1991 st ...

22 Query-preserving watermarking of relational databases and XML documents

David Gross-Amblard

June 2003 Proceedings of the twenty-second ACM SIGMOD-SIGACT-SIGART symposium on Principles of database systems

Full text available: pdf(269.00 KB)

Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index</u> terms

Watermarking allows robust and unobtrusive insertion of information in a digital document. Very recently, techniques have been proposed for watermarking relational databases or XML documents, where information insertion must preserve a specific measure on data (e.g. mean and variance of numerical attributes.)In this paper we investigate the problem of watermarking databases or XML while preserving a set of parametric queries in a specified language, up to an acceptable distortion.We first ...

Keywords: VC-dimension, watermarking, watermarking scheme

23 A functional taxonomy for software watermarking

Jasvir Nagra, Clark Thomborson, Christian Collberg

January 2002 Australian Computer Science Communications, Proceedings of the twenty-fifth Australasian conference on Computer science - Volume 4, Volume 24 Issue 1

Full text available: pdf(1.19 MB)

Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index</u>

Despite the recent surge of interest in digital watermarking technology from the research community, we lack a comprehensive and precise terminology for software watermarking.

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In this paper, we attempt to fill that gap by giving distinctive names for the various protective functions served by software watermarks: Validation Mark, Licensing Mark, Authorship Mark and Fingerprinting Mark. We identify the desirable properties and specific vulnerabilities of each type of watermark, and we illustrate ...

Keywords: authentication, fingerprint, software authorship, software licensing, steganography, watermark

24 Robust mesh watermarking

Emil Praun, Hugues Hoppe, Adam Finkelstein

July 1999 Proceedings of the 26th annual conference on Computer graphics and interactive techniques

Full text available: pdf(2.08 MB)

Additional Information: full citation, references, citings, index terms

Keywords: copyright protection, steganography

25 <u>Secure distribution of watermarked images for a digital library of ancient papers</u> Christian Rauber, Joe Ó Ruanaidh, Thierry Pun

July 1997 Proceedings of the second ACM international conference on Digital libraries

Full text available: pdf(1.13 MB)

Additional Information: full citation, references, citings, index terms

26 Natural language processing for information assurance and security: an overview and implementations

Mikhail J. Atallah, Craig J. McDonough, Victor Raskin, Sergei Nirenburg February 2001 **Proceedings of the 2000 workshop on New security paradigms**

Full text available: pdf(1.29 MB)

Additional Information: full citation, references, citings, index terms

27 <u>Authentication and signature schemes: Print signatures for document authentication</u> Baoshi Zhu, Jiankang Wu, Mohan S. Kankanhalli

October 2003 Proceedings of the 10th ACM conference on Computer and communications security

Full text available: pdf(646.81 KB) Additional Information: full citation, abstract, references, index terms

We present a novel solution for authenticating printed paper documents by utilizing the inherent non--repeatable randomness existing in the printing process. For a document printed by a laser-printer, we extract the unique features of the non--repeatable print content for each copy. The shape profiles of this content are used as the feature to represent the uniqueness of that particular printed copy. These features along with some important document content is then captured as the *print signa* ...

Keywords: authenticity, laser printer, originality, print signature

28 Watermarking maps: hiding information in structured data

Sanjeev Khanna, Francis Zane

February 2000 Proceedings of the eleventh annual ACM-SIAM symposium on Discrete algorithms

Full text available: pdf(984.65 KB) Additional Information: full citation, references, citings, index terms

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29 <u>Biometrics, watermarking, IKE: Component-based digital watermarking of Chinese texts</u>



Xingming Sun, Gang Luo, Huajun Huang

November 2004 Proceedings of the 3rd international conference on Information security

Full text available: pdf(427.96 KB) Additional Information: full citation, abstract, references, index terms

According to the types of the host media, digital watermarking may be classified mainly as image watermarking, video watermarking, audio watermarking, and text watermarking. The principle of the three watermarking research fields are similar in that they make use of the redundant information of their host media and the characteristics of human video system or human audio system. Unfortunately, text has no redundant information. Text watermarking techniques are totally different from them. And te ...

Keywords: chinese character, component, digital watermarking, mathematical expression, robust, text watermarking

30 Information protection methods: Display-only file server: a solution against information theft due to insider attack



Yang Yu, Tzi-cker Chiueh

October 2004 Proceedings of the 4th ACM workshop on Digital rights management

Full text available: pdf(311.80 KB) Additional Information: full citation, abstract, references, index terms

Insider attack is one of the most serious cybersecurity threats to corporate America. Among all insider threats, information theft is considered the most damaging in terms of potential financial loss. Moreover, it is also especially difficult to detect and prevent, because in many cases the attacker has the proper authority to access the stolen information. According to the 2003 CSI/FBI Computer Crime and Security Survey, theft of proprietary information was the single largest category of los ...

Keywords: access, digital rights management, information theft, insider attack

31 Watermarking algorithms: Exploiting self-similarities to defeat digital watermarking systems: a case study on still images

Gwenaël Doërr, Jean-Luc Dugelay, Lucas Grangé

September 2004 Proceedings of the 2004 multimedia and security workshop on Multimedia and security

Full text available: pdf(1.27 MB)

Additional Information: full citation, abstract, references, index terms

Unauthorized digital copying is a major concern for multi-media content providers. Since copyright owners lose control over content distribution as soon as data is decrypted or unscrambled, digital watermarking has been introduced as a complementary protection technology. In an effort to anticipate hostile behaviors of adversaries, the research community is constantly introducing novel attacks to benchmark watermarking systems. In this paper, a generic block replacement attack will be presented. ...

Keywords: block replacement attack, intra-signal collusion, self-similarities

32 Watermarking cyberspace

Hal Berghel

November 1997 Communications of the ACM, Volume 40 Issue 11

Full text available: pdf(1.70 MB)

Additional Information: full citation, citings, index terms

Fast watermark detection scheme for camera-equipped cellular phone

Results (page 2): +watermark??? <paragraph> +document ... Page 4 of 5 Takao Nakamura, Atsushi Katayama, Masashi Yamamuro, Noboru Sonehara October 2004 Proceedings of the 3rd international conference on Mobile and ubiquitous multimedia Full text available: pdf(933.93 KB) Additional Information: full citation, abstract, references, index terms Digital watermarking technology would be very useful as part of a related service introduction system (RSIS); this system provides related information to content, and the function of watermark in RSIS is analogous to that of barcode, i.e., watermark binds content ID to analog content such as an image on printed material. In this paper, we focus on a camera-equipped cellular phone used as a terminal for RSIS, and propose a fast watermark detection scheme from a captured image. The proposed scheme ... **Keywords**: camera, cellular phone, digital watermark 34 Data security and protection: Information sharing across private databases Rakesh Agrawal, Alexandre Evfimievski, Ramakrishnan Srikant June 2003 Proceedings of the 2003 ACM SIGMOD international conference on Management of data Additional Information: full citation, abstract, references, citings, index Full text available: pdf(247.54 KB) Literature on information integration across databases tacitly assumes that the data in each database can be revealed to the other databases. However, there is an increasing need for sharing information across autonomous entities in such a way that no information apart from the answer to the query is revealed. We formalize the notion of minimal information sharing across private databases, and develop protocols for intersection, equijoin, intersection size, and equijoin size. We also show how ne ... 35 Watermarking techniques for intellectual property protection A. B. Kahng, J. Lach, W. H. Mangione-Smith, S. Mantik, I. L. Markov, M. Potkonjak, P. Tucker, H. Wang, G. Wolfe May 1998 Proceedings of the 35th annual conference on Design automation - Volume 00 Full text available: pdf(243.93 KB) Additional Information: full citation, abstract, references, citings, index terms Publisher Site Digital system designs are the product of valuable effort and know-how. Their embodiments, from software and HDL program down to device-level netlist and mask data, represent carefully quarded intellectual property (IP). Hence, design methodologies based on IP reuse require new mechanisms to protect the rights of IP producers and owners. This paper establishes principles of watermarking-based IP protection, where a watermark is a mechanism for identificatio ... Keywords: intellectual property test, system-on-chip test, testing embedded core 36 HyperNews: a MEDIA application for the commercialization of an electronic newspaper Jean-Henry Morin, Dimitri Konstantas February 1998 Proceedings of the 1998 ACM symposium on Applied Computing Full text available: pdf(2.74 MB) Additional Information: full citation, references, index terms

Keywords: agents, copyright protection, electronic publishing

37 <u>Digital watermarking makes its mark</u>
Hal Berghel
September 1998 **netWorker**, Volume 2 Issue 4

Results (page 2): +watermark??? <paragraph> +document Page 5 of 5</paragraph>
Full text available: pdf(617.64 KB) Additional Information: full citation, references, citings, index terms
38 Session 4: innovative solutions: A trusted process to digitally sign a document Boris Balacheff, Liqun Chen, David Plaquin, Graeme Proudler September 2001 Proceedings of the 2001 workshop on New security paradigms
Full text available: pdf(709.00 KB) Additional Information: full citation, abstract, references, citings, index terms
This paper describes a method of increasing the trust in open computing platforms, such that a person can have confidence in producing a digital signature using open platforms. The process of using a digital signature to sign a digital document is well understood. Most descriptions assume the correctness of the process of signing a document within a computing platform. In an increasing connected world, this assumption is no longer true when open computing platforms are used. This paper proposes t
Keywords: TCPA, authenticated image, digital signatures, smart card, trusted display
39 Emerging applications: DRM: doesn't really mean digital copyright management L. Jean Camp November 2002 Proceedings of the 9th ACM conference on Computer and communications security
Full text available: pdf(258.91 KB) Additional Information: full citation, abstract, references, citings, index terms
Copyright is a legal system embedded in a larger technological system. In order to examine the functions of copyright it is critical to examine the larger technological context of copyright: analog media and printed paper in particular. The copyright system includes both the explicit mechanisms implemented by law and the implicit mechanisms resulting from the technologically determinant features of paper and print. In order to prevent confusion between the legal, technical, and economic elements
Keywords : DRM, DeCSS, copyright, design for values, ethics, fair use, intellectual property, science and technology studies
John M. Acken July 1998 Communications of the ACM, Volume 41 Issue 7 Full text available: pdf(273.94 KB) Additional Information: full citation, references, citings, index terms, review
Results 21 - 40 of 173 Result page: <u>previous</u> <u>1</u> 2 <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> <u>8</u> <u>9</u> <u>next</u>
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... General Information » Request Feature » Star Office 5.1 registration ... Star Office 5.1 registration [message #4478] ...

http://supportforum.sun.com/staroffice/index.php?t=msg&goto=4478&rid=0 - March 22, 2005

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http://supportforum.sun.com/staroffice/index.php?t=msg&th=1682&start=0&rid=0 - March 21, 2005

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... General Information » Request Feature » Unable to open Star Office 7 ... Unable to open Star Office 7 [message #6570] ...

http://supportforum.sun.com/staroffice/index.php?t=msg&th=2235&start=0&rid=0 - March 21, 2005

Sun Microsystems Support Forums | © ... Installation and OS Information » Windows Install » Star Office 5.1 installation on Windows 98 ... Star Office 5.1 installation on Windows 98 [message #5188] ... http://supportforum.sun.com/staroffice/index.php?t=msg&th=1859&start=0&rid=0 - March 21, 2005

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1 CHECK: a document plagiarism detection system

Antonio Si, Hong Va Leong, Rynson W. H. Lau

April 1997 Proceedings of the 1997 ACM symposium on Applied computing

Full text available: pdf(807.83 KB) Additional Information: full citation, references, citings, index terms

Keywords: copy detection, digital libraries, document plagiarism, information retrieval

2 Copy detection mechanisms for digital documents

Sergey Brin, James Davis, Héctor García-Molina

May 1995 ACM SIGMOD Record, Proceedings of the 1995 ACM SIGMOD international conference on Management of data, Volume 24 Issue 2

Full text available: pdf(1.51 MB)

Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index</u> <u>terms</u>

In a digital library system, documents are available in digital form and therefore are more easily copied and their copyrights are more easily violated. This is a very serious problem, as it discourages owners of valuable information from sharing it with authorized users. There are two main philosophies for addressing this problem: prevention and detection. The former actually makes unauthorized use of documents difficult or impossible while the latter makes it easier to discover such activity.I ...

3 <u>Technical session 10: watermarking and multi-media processing: Thematic segmentation of meetings through document/speech alignment</u>
Dalila Mekhaldi, Denis Lalanne, Rolf Ingold

October 2004 Proceedings of the 12th annual ACM international conference on Multimedia

Full text available: pdf(917.84 KB)

Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index</u> terms

This article proposes a multimodal approach for segmenting meeting recordings. This bimodal method takes advantages of the alignment of speech transcript with documents, in the context of meetings or lectures, where documents are discussed. The method first displays the alignment results as a set of nodes in a 2D space, where the two axes represent respectively the documents content and the speech transcript. The most connected regions in this graph are detected using a clustering method. Th ...

Keywords: clustering techniques, document analysis, meeting dialogs structuring, multimedia information retrieval, multimodal thematic alignment, thematic segmentation

4 An architecture for enforcement of usage contracts in distributed multimedia systems

David Evans



Full text available: pdf(156.52 KB) Additional Information: full citation, abstract, references, index terms

Current distributed multimedia systems, including the World Wide Web. allow users access to vast amounts of media-rich information. Much effort has been put into providing browsing and querying tools, storing multimedia documents efficiently, and transporting the documents from a server to a client. The multimedia data in these systems is often protected by copyright and has other restrictions on its use. However, current systems, such as the Web, have limited support for document security. When ...

5 <u>Steganography I: A hierarchical protocol for increasing the stealthiness of steganographic methods</u>

Mercan Topkara, Umut Topkara, Mikhail J. Atallah, Cuneyt Taskiran, Eugene Lin, Edward J. Delp

September 2004 Proceedings of the 2004 multimedia and security workshop on Multimedia and security

Full text available: pdf(393.76 KB)

Additional Information: full citation, abstract, references, citings, index terms

We present a new protocol that works in conjunction with information hiding algorithms to systematically improve their stealthiness. Our protocol is designed to work with many digital object types including natural language text, software, images, audio, or streaming data. It utilizes a tree-structured hierarchical view of the cover object and determines regions where changes to the object for embedding message data would be easily revealed by an attacker, and are thus to be avoided by the embed ...

Keywords: digital watermarking, quad-tree structure, statistical attacks, steganalysis, steganography, upper bound on detectability

6 In business today and tomorrow

Jian Zhao, Eckhard Koch, Chenghui Luo July 1998 **Communications of the ACM**, Volume 41 Issue 7

Full text available: pdf(527.15 KB)

Additional Information: full citation, references, citings, index terms, review

7 <u>Efficiency of data structures for detecting overlaps in digital documents</u> Krisztián Monostori, Arkady Zaslavsky, Heinz Schmidt

January 2001 Australian Computer Science Communications, Proceedings of the 24th Australasian conference on Computer science, Volume 23 Issue 1

Full text available: pdf(800.51 KB)
Additional Information: full citation, abstract, references

Additional Information:

This paper analyses the efficiency of different data structures for detecting overlap in digital documents. Most existing approaches use some hash function to reduce the space requirements for their indices of chunks. Since a hash function can produce the same value for different chunks, false matches are possible. In this paper we propose an algorithm that can be used for eliminating those false matches. This algorithm uses a suffix tree structure, which is space consuming. We define a modified ...

8 Replacement policies for a proxy cache Luigi Rizzo, Lorenzo Vicisano



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April 2000 IEEE/ACM Transactions on Networking (TON), Volume 8 Issue 2

Full text available: pdf(277.42 KB) Additional Information: full citation, references, citings, index terms

Keywords: Web, caching, communication networks, policies, replacement

Tamper-proofing software watermarks

Clark Thomborson, Jasvir Nagra, Ram Somaraju, Charles He

January 2004 Proceedings of the second workshop on Australasian information security, Data Mining and Web Intelligence, and Software Internationalisation - Volume 32

Full text available: pdf(249.93 KB) Additional Information: full citation, abstract, references

We introduce a novel method called constant encoding, which can be used to tamper-proof a software watermark that is embedded in the dynamic data structures of a program. Our novel tamper-proofing method is based on transforming numeric or non-numeric constant values in the text of the watermarked program into function calls whose value depends on the watermark data structure. Under reasonable assumptions about the knowledge and resources of an attacker, we argue that no attacker can be c ...

10 Strategic directions in electronic commerce and digital libraries: towards a digital agora Nabil Adam, Yelena Yesha



December 1996 ACM Computing Surveys (CSUR), Volume 28 Issue 4

Full text available: pdf(244.34 KB) Additional Information: full citation, references, citings, index terms

11 Building a scalable and accurate copy detection mechanism

Narayanan Shivakumar, Hector Garcia-Molina

April 1996 Proceedings of the first ACM international conference on Digital libraries

Full text available: pdf(921.24 KB) Additional Information: full citation, references, citings, index terms

12 Communication privacy: How to achieve blocking resistance for existing systems enabling anonymous web surfing

Stefan Köpsell, Ulf Hillig

October 2004 Proceedings of the 2004 ACM workshop on Privacy in the electronic society

Full text available: pdf(897.66 KB) Additional Information: full citation, abstract, references, index terms

We are developing a blocking resistant, practical and usable system for anonymous web surfing. This means, the system tries to provide as much reachability and availability as possible, even to users in countries where the free flow of information is legally, organizationally and physically restricted. The proposed solution is an add-on to existing anonymity systems. First we give a classification of blocking criteria and some general countermeasures. Using these techniques, we outline a conc ...

Keywords: AN.ON, JAP, Mix, blocking resistance

13 Risks to the public in computer systems

Peter G. Neumann

October 1986 ACM SIGSOFT Software Engineering Notes, Volume 11 Issue 5

Full text available: pdf(2.19 MB) Additional Information: full citation, index terms 14 <u>Providing education electronically to nontraditional sites: new delivery to a new audience</u>

Nancy C. McAllister, David F. McAllister

October 1996 Proceedings of the 14th annual international conference on Systems documentation: Marshaling new technological forces: building a corporate, academic, and user-oriented triangle

Full text available: pdf(777.73 KB) Additional Information: full citation, references, index terms

15 Copy detection for intellectual property protection of VLSI designs

Andrew B. Kahng, Darko Kirovski, Stefanus Mantik, Miodrag Potkonjak, Jennifer L. Wong November 1999 Proceedings of the 1999 IEEE/ACM international conference on Computer-aided design

Full text available: pdf(109.67 KB)

Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index</u>

We give the first study of copy detection techniques for VLSI CAD applications; these techniques are complementary to previous watermarking-based IP protection methods in finding and proving improper use of design IP. After reviewing related literature (notably in the text processing domain), we propose a generic methodology for copy detection based on determining basic elements within structural representations of solutions (IPs), calculating (context-independent) signatur ...

16 Web-based simulation: revolution or evolution?

Ernest H. Page, Arnold Buss, Paul A. Fishwick, Kevin J. Healy, Richard E. Nance, Ray J. Paul January 2000 ACM Transactions on Modeling and Computer Simulation (TOMACS),

Volume 10 Issue 1

Full text available: pdf(90.00 KB)

Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index</u> terms, review

The nature of the emerging field of web-based simulation is examined in terms of its relationship to the fundamental aspects of simulation research and practice. The presentation, assuming a form of debate, is based on a panel session held at the first International Conference on Web-Based Modeling and Simulation, which was sponsored by the Society for Computer Simulation during 11-14 January 1998 in San Diego, California. While no clear "winner" is evident in this debate, the ...

Keywords: Java, digital objects, distributed modeling

17 Software protection: Software piracy prevention through diversity

Bertrand Anckaert, Bjorn De Sutter, Koen De Bosschere

October 2004 Proceedings of the 4th ACM workshop on Digital rights management

Full text available: pdf(166.30 KB) Additional Information: full citation, abstract, references, index terms

Software piracy is a major concern for software providers, despite the many defense mechanisms that have been proposed to prevent it. This paper identifies the fundamental weaknesses of existing approaches, resulting from the static nature of defense and the impossibility to prevent the duplication of digital data. A new scheme is presented that enables a more dynamic nature of defense and makes it harder to create an additional, equally useful copy. Furthermore it enables a fine-grained cont ...

Keywords: authentication, copyright protection, diversity, identification, intellectual property protection, software piracy prevention, tailored updates

18 <u>Viewpoint: the ACM declaration in Felten v. RIAA</u>
Barbara Simons



Results (page 1): +watermark??? <paragraph> +document ... Page 5 of 5 October 2001 Communications of the ACM, Volume 44 Issue 10 Full text available: pdf(67.78 KB) Additional Information: full citation, index terms html(21.69 KB) 19 WordPerfect for Linux Bible Ben Crowder May 2000 Linux Journal Full text available: html(5.07 KB) Additional Information: full citation, index terms 20 Distributed stream control for self-managing media processing graphs Lisa Amini, Jorge Lepre, Martin Kienzle October 1999 Proceedings of the seventh ACM international conference on Multimedia Full text available: pdf(511.49 KB) Additional Information: full citation, references, index terms

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